

EUROPEAN HF CHAMPIONSHIP RULES

1. OBJECTIVE

For European amateurs to contact as many other European amateurs and compete for the "European HF Champion" title. Only continental Europe contacts count, considering current CQWW countries list.



2. CONTEST PERIOD

Every year, first Saturday in August, from 12:00 UTC to 23:59 UTC (*next contest: **August 3, 2024***).

3. BANDS

All HF amateur bands from 160m through 10m, except WARC bands.

4. ENTRY CATEGORIES

Participants can compete in one of the 9 categories listed below.

#	Category	Cabrillo Category
1	CW/SSB - High Power	SINGLE-OP ALL HIGH MIXED
2	CW/SSB - Low Power	SINGLE-OP ALL LOW MIXED
3	CW only - High Power	SINGLE-OP ALL HIGH CW
4	CW only - Low Power	SINGLE-OP ALL LOW CW
5	SSB only - High Power	SINGLE-OP ALL HIGH SSB
6	SSB only - Low Power	SINGLE-OP ALL LOW SSB
NEW	New Experimental* categories (2023)	Cabrillo Category
7	SINGLE-OP-UNLIMITED	SINGLE-OP-UNLIMITED
8	SINGLE-OP QRP	SINGLE-OP ALL QRP
9	SINGLE-OP ONE-BAND	SINGLE-OP (160M - 10M)

**The Experimental category for the purpose of interpreting these rules means exactly the same as the existing categories #1 - 6, with the remark that new categories are introduced in EUHFC 2023 at the request of competitors and those categories will remain or be abolished depending on the interest and number of logs in these new categories.*

General terms related to output power for all categories

- High Power:** Total output power must not exceed 1500 watts at any time
- Low Power:** Total output power must not exceed 100 watts at any time
- QRP:** Total output power must not exceed 5 watts at any time

Terms of Competition for all categories

- Only one person (the operator) performs all operating and logging functions.
- All entrants must operate within the limits of their chosen category when performing any activity that could affect their submitted score.
- Only one transmitted signal is allowed at any time. Only one operator is allowed to perform all of the operating and logging functions and only one callsign is allowed from a particular radio station.
- When two or more transmitters are present on the same band, a hardware device must be used to prevent more than one signal at any one time. It is not permitted to request or solicit QSOs (e.g., call CQ) on more than one frequency on the same band at a time. The second interlocked station on the band should only be calling stations and must change frequencies after each QSO.
- All operation must take place from one operating site. Transmitter and receiver must be located within a 500-meter diameter circle.
- Remote operation is permitted if the physical location of all transmitters, receivers, and antennas are within a 500-meter diameter circle. A remotely operated station must obey station license, operator

- license and category limitations. The callsign used must be one issued or permitted by the Regulatory Authority of the station location. Remote receivers outside of the station location are not permitted.
- g. Any public QSO alerting assistance is allowed for all categories. This includes, but is not limited to, DX Cluster-type networks, local or remote Skimmer and/or Skimmer-like technology and reverse beacon network.
 - h. Self-spotting or asking to be spotted is not permitted.
 - i. Logs with contacts only on one mode in categories #1 - 6 will be classified as "single mode" (CW or SSB) entries.

Terms of Competition for new Experimental categories

SINGLE-OP-UNLIMITED

The new SINGLE-OP-UNLIMITED category is subject to the same rules as existing All Band High Power Categories (# 1, 3, 5), except that there is **no limit to the maximum number of band / mode changes** and **audio recording of the contest is required** (see more detailed explanation below).

SINGLE-OP-UNLIMITED has only "All Band Mixed" classification, there is no separate division related to the "Band", "Mode" or "Power".

Audio Recordings requirement

SINGLE-OP-UNLIMITED entrant competing for a top five (5) finish:

- must record the transmitted and received audio as heard by the operator for the duration of the contest operation
- the recording must be in a common format (e.g., mp3, wav...) and should include the audio to each ear as a separate channel.
- the recording must be a continuous recording (not a recording of individual QSOs)
- time "off the air" (when not transmitting or receiving) does not have to be recorded
- the recording may be requested by the Committee within 90 days after the log deadline to help adjudicate the log
- the recording files must be provided by the entrant within 5 days of the request
- failure to submit a requested audio recording may result in the reclassification of a log entry or disqualification

SINGLE-OP QRP

The new SINGLE-OP QRP category is subject to the same rules as category # 2 (Mixed LP), except **total output power must not exceed 5 watts at any time**. A maximum of ten (10) band and mode changes restriction applies (see paragraph 9).

SINGLE-OP QRP has only "All Band Mixed" classification, there is no separate division related to "Band" or "Mode".

SINGLE-OP ONE-BAND

The new SINGLE-OP ONE-BAND category is intended primarily for amateurs who have no antennas for all bands and operate only on one of the 6 bands (160m, 80m, 40m, 20m, 15m or 10m). A maximum of ten (10) mode changes restriction applies (see paragraph 9).

SINGLE-OP ONE-BAND has only "Mixed mode" classification, there is no separate division related to "Mode" or "Power".

SINGLE-OP ONE-BAND entrants are required to include all contacts made during the contest period, even if on other bands. Only contacts made on the band specified in the Cabrillo header will be considered for scoring purposes. Logs with contacts only on one band will be classified as single band entries.

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NOTE: This does not mean 6 new single-band categories but only 1 (one) common category, all single band results regardless of the band of operation will be scored against other single band results within one common SINGLE-OP ONE-BAND category.

5. CONTEST EXCHANGE

SSB: RS report / CW: RST report + two-digit number of the **Year of Operator's first ever official amateur radio license** irrespective from which station operation takes place or which callsign is used in the contest.

NOTE:

- 59(9) 82 means that first ever official amateur radio license was issued in 1982, 17 means 2017 etc.
- official SWL license also counts as official amateur radio license
- there is no exception regarding Special Event or Contest calls, exactly the same rules apply as written above, operator's first ever official license counts as valid exchange
- please contact the organizer before the contest if you are unsure or in doubt about the correct contest exchange

6. MULTIPLIERS

Multipliers are different two-digit numbers, meaning the last two digits of the year of operator's first ever official amateur radio license. The multiplier is counted only once per band regardless of mode.

7. QSO POINTS

Each completed valid contact counts one (1) point regardless of mode. The same station may be contacted once per band and mode.

8. SCORING

The final score is the result of the total QSO points multiplied by the total number of multipliers.

9. BAND AND MODE CHANGES - applicable for all categories except SINGLE-OP-UNLIMITED

- Mixed mode categories (category #1, 2, 8) - a maximum of ten (10) band and mode changes may be made in any clock hour (00 through 59 minutes). *For example, five (5) band plus five (5) mode changes, where band together with mode change counts as one (1) change.*
- Single mode (CW or SSB only) categories (category #3, 4, 5, 6) - a maximum of ten (10) band changes may be made in any clock hour (00 through 59 minutes).
- ONE-BAND (Single band) category (category #9) - a maximum of ten (10) mode changes may be made in any clock hour (00 through 59 minutes).
- Important:** Band or mode change in the transition from one full hour to another is counted as the 1st change in the next full hour. *Example: QSO at 13:59 on 20CW, next QSO 14:00 on 10CW already counts as 1st change in 14:00 - 14:59.*
- Any band or mode change after 10th band / mode changes will be penalized with QSO points and mults deduction for those QSOs in particular hour.

10. DXCC ENTITY COMPETITION

A separate list of valid DXCC entity scores (*the sum of all scores from valid DXCC country*), regardless of club affiliation, will be published. Latest [ARRL DXCC Current Entities List](#) is used for this purpose.

11. AWARDS (Plaques & Certificates)

- Plaques will be awarded to the European Champions in a number of categories depending on sponsorship.
- It is strongly recommended to write exact operating frequency for each QSO in the Cabrillo log. Only logs with exact written frequencies will be eligible for the plaques.

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Note: If you do not use a CAT control to log the exact frequency of the QSO, please enter only the generic frequency (1800, 3500, 7000, etc.) in your Cabrillo and please do not use other artificial frequencies within the band (3545, 7033 and similar).

- c. Logs submitted after the deadline may be listed in the results, but are not eligible for plaques. Resubmitting an entry after the deadline will result in it being considered as a late log.
- d. Electronic certificates will be made available for download for everyone that submits an entry.

12. JUDGING

The EUHFC Contest Committee is responsible for checking and adjudicating the contest entries. All logs are checked using custom software and human judgment. Entrants are expected to follow the rules and best amateur radio practices. Violation of the rules of the contest or unsportsmanlike conduct may lead to disciplinary action by the Committee.

13. PENALTIES

- a. For broken calls, bad exchanges, QSOs which do not appear in correspondent's log and other similar irregularities in the log QSO points and additional one (1) QSO point for each such error will be removed. High percentage of bad contacts or violation of contest rules shall result in dropping participant from the classification.
- b. Participants who were disqualified or sanctioned in other contests in previous year shall result in dropping participant from the classification.
- c. Other reasons, like non-submission of information requested from participant, could also lead to dropping the participant from the classification.

14. DISQUALIFICATION

- a. Violation of contest rules, unsportsmanlike conduct or very high percentage of unverifiable QSOs will be deemed sufficient cause for disqualification
- b. Examples of unsportsmanlike conduct include, but are not limited to:
 - arranging or confirming any contacts during or after the contest by use of ANY non-amateur radio means such as telephones, Internet, instant messaging, chat rooms, VoIP, email, social media, or Web sites
 - transmissions by the entrant on frequencies outside of license limitations
 - changing times in the log to meet band / mode change or adjusting time at the beginning or at the end of the contest
 - taking credit for excessive unverifiable QSOs or unverifiable multipliers
 - signals with excessive bandwidth (e.g., splatter, clicks) or harmonics on other bands
 - running stations making more than three consecutive contacts without sending their call sign
- c. Disqualified entries will be published in results and are not eligible for an award
- d. Notification of Committee actions will be sent by email to the address provided with the log submission. The entrant has five (5) days to appeal the decision to the Contest Director. After that time, the decision is final
- e. The Committee reserves the right to change the category of any entry based on its examination of the log or other information
- f. Disqualified operator will not be classified in European HF Championship standings in the year following disqualification

15. SUPERVISION

The Organizer reserves its right to use any public available technology and to appoint different persons to check operation of different stations during the competition.

16. DECLARATION

By submitting a EUHFC Contest log, and in consideration of the efforts of the EUHFC Contest Committee to review and evaluate that log, an entrant unconditionally and irrevocably agrees that he/she has:

- read and understood the rules of the contest and agrees to be bound by them
- operated according to all rules and regulations that pertain to amateur radio for the station location
- agreed the log entry and UBN report may be made open to the public
- accepted that the issuing of disqualifications and other decisions of the Committee are official and final

If an entrant is unwilling or unable to agree to all of the foregoing, the entrant should not submit the entry or submit the entry as a Checklog only.

17. DEADLINE AND LOG INSTRUCTIONS

Electronic submission of logs is required for all entrants and must meet the requirements below:

- The log must show the following for each contact correct date and time in UTC, frequency (or band), call sign of the station worked, exchange sent, and exchange received. A log without all required information may be reclassified to Checklog.
- Contacts should be logged at the time they are completed. Stations competing for European Champion must provide actual frequencies for all contacts in the log.
- Single band entrants are required to include all contacts made during the contest period, even if on other bands. Only contacts made on the band specified in the Cabrillo header will be considered for scoring purposes. Logs with contacts only on one band will be classified as single band entries.

The [Cabrillo](#) file format is the standard for logs. [Here is a sample/template](#) how your EUHFC Cabrillo log should look like.

Web upload is the only method of log submission. Web upload of logs is available at [Log Submission page](#). All logs received will be confirmed via e-mail.

An entrant may withdraw the submitted log for any reason within 30 days of the log deadline. Contact the Contest Committee for instructions.

All entries must be sent within **48 hours after the end of the contest** (Monday 23.59 UTC).

If you are not able to submit a CABRILLO format log or should you have other questions, please contact the organizer at "euhfc (at) s5cc.eu" for assistance.

Verified by:



Ljubljana, September 2023